



#171C 5/27/03

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of  
Roland Carlsson et al.  
Serial No.: 09/734,801  
Filed: December 12, 2000  
For: "A METHOD FOR IN VITRO  
MOLECULAR REVOLUTION OF  
PROTEIN FUNCTION"

Examiner: CHUNDURU, S.  
Art Unit: 1637  
Response to Paper No. 16

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REQUEST FOR RECONSIDERATION UNDER 37 C.F.R. §1.111

In response to the Official Action of December 17, 2002,  
please amend the above-identified application as follows:

C<sup>1</sup>  
2. (Twice Amended) The method as claimed in claim 1  
wherein step (c) optionally comprises adding primer sequences  
that anneal to the 3' and 5' ends of at least one of the  
parent polynucleotides under annealing conditions.

C<sup>2</sup>  
7. (New) The method as claimed in claim 1, further  
comprising contacting the polynucleotide sequence of step d)  
with primer sequences that anneal to the 3' and 5' ends of at  
least one of the parent polynucleotides under annealing  
conditions and amplifying those hybrids that anneal to each  
other to generate a further polynucleotide sequence encoding  
one or more protein motifs having altered characteristics as  
compared to one or more protein motifs encoded by said parent  
polynucleotide.

REMARKS

The December 17, 2002 Official Action and references  
cited therein have been carefully reviewed.

At page 2 of the Official Action, the Examiner has  
rejected claim 2 under 35 U.S.C. §112, second paragraph,